

IOFFE, Dmitriy Moiseyevich; YAKOBSON, Viktor Borisovich; CHICHKOV, N.V.,
red.; EL'KINA, E.M., tekhn. red.

[Small refrigerating machines and commercial refrigerating equipment]
Malye kholodil'nye mashiny i togoovoe kholodil'noe oborudovanie. Mo-
skva, Gos. izd-vo tovg. lit-ry, 1961. 298 p. (MIRA 14:11)
(Refrigeration and refrigerating machinery)

CHULKIN, Sergey Grigor'yevich, doktor tekhn. nauk, prof.; MARTYNOVSKIY, Vladimir Sergeyevich, doktor tekhn. nauk, prof.; MEL'TSER, Leonid Zinov'yevich, kand. tekhn. nauk, dots.; Prinimati uchastiye: ALEKSEYEV, V.P., kand. tekhn. nauk, dots.; FILIPPOV, P.K., dots.; CHICHKOV, N.V., red.; BRODSKIY, M.P., tekhn. red.

[Refrigerating units] Kholodil'nye ustanovki. Moskva, Gos. izd-vo
torg. lit-ry, 1961. 472 p. (MIRA 14:12)
(Refrigeration and refrigerating machinery)

DANILOVA, Galina Nikolayevna; FILATKIN, Vladimir Nikolayevich;
CHERNAYA, Roza Grigor'yevna; SHCHERBOV, Mark Gennadiyevich;
Prinimali uchastiye: BUCHKO, N.A.; VAS'KOV, Ye.T., inzh.;
CHICHKOV, N.Y., red.; GROMOV, A.S., tekhn. red.

[Collection of problems and calculations on heat transmission]
Sbornik zadach i raschetov po teploperedache. By G.M. Danilova
i dr. Moskva, Gos.izd-vo torg. lit-ry, 1961. 270 p.

(MIRA 15:1)

(Heat transmission)

CHUPAKHIN, Nikolay Mikhaylovich, inzh.; RUDOMETKIN, Fedor Ivanovich,
inzh.; BONDARENKOV, K.A., red.; CHICHKOV, N.V., red.

[Installation and repair of refrigerating plants] Montazh i
remont kholodil'nykh ustanovok. Moskva, Gostorgizdat, 1961.
340 p. (MIRA 18:6)

BONDARENKO, Konstantin Andreyevich; BELOV, Ivan Pavlovich;
CHUPAKHIN, N.M., spets. red.; KREST'YANINOVA, Ye.N., red.;
CHICHKOV, N.V., red.; MAMONTOVA, N.N., tekhn. red.

[Assembly of ammonia refrigerating plants] Montazh ammiachnykh
kholodil'nykh ustanovok; prakticheskoe rukovodstvo. Moskva,
Gostorgizdat, 1962. 199 p. (MIRA 15:10)
(Refrigeration and refrigerating machinery)

CHUKLIN, S.G.; NIKUL'SHINA, D.G.; ZEPURNENKO, V.P.; CHICHKOV, N.V.,
red.; VOLKOVA, V.G., (zhn. red.)

[New type of cooling systems for refrigerators] Novye okh-
lazhdaushchie sistemy kholodil'nikov; otkmen opytom. Mo-
skva, Gostorgizdat, 1963. 95 p. (MIRA 16:7)
(Refrigeration and refrigerating machinery)

PISKAREV, A.I.; KHOLOPOVA, A.A.; SHELAPUTIN, V.I.; NOSKOVA, G.L.;
ALEKSEYEV, P.A.; DRACHEVA, T.A.; OLENEV, Yu.A.; PAVLOVA,
I.A.; SELIVANOV, V.A.; VINOGRADOV, S.V.; MIROLYUBOV, P.A.;
ROVENSKIY, A.I.; SKOROKHODOV, A.A.; RYUTOV, D.G.; kand.
tekhn. nauk, red.; CHICHKOV, N.V., red.; MEDRISH, D.M.,
tekhn. red.

[Manual on the operation of cold storage warehouses] Spravochnik po ekspluatatsii kholodil'nykh skladov. Moskva, Gostorgizdat, 1963. 175 p. (MIRA 16:7)

1. Sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta kholodil'noy promyshlennosti (for Piskarev, Kholopova, Shelaputin, Noskova, Alekseyev, Dracheva, Olenov, Pavlova).
2. Rosmyasorybtorg Ministerstva torglovli RSFSR (for Selivanov, Vinogradov, Mirolyubov, Rovenskiy). 3. Gosudarstvennyy planovoy komitet Soveta Ministrov SSSR (for Skorokhodov).
(Cold storage warehouses)

CHUKLIN, Sergey Grigor'yevich; CHUMAK, Igor' Grigor'yevich; CHICHKOV,
N.V., red.; BRODSKIY, M.P., tekhn.-red.

[Intensification of the freezing process in compartment
freezers] Intensifikatsia kamernykh morozilok. Moskva,
Gostorgizdat, 1963. 103 p. (MIRA 16:8)
(Refrigeration and refrigerating machinery)
(Meat, Frozen)

LEONOV, Z.I.; LUNIN, V.I.; MONFRED, V.A.; VINOGRADOV, V.I., red.;
TSIPERSON, A.A., red.; CHICHKOV, N.V., red.; ANTSELOVICH,
K.I., tekhn. red.

[Specialized transportation of commercial goods] Spetsializirovannye perevozki torgovykh грузов. Moskva, Gostorgizdat, 1963. 111 p. (MIRA 17:1)
(Transportation, Automotive)

FILIPPENKO, Aleksandr Aleksandrovich; CHICHKOV, N.V., red.;
NIKOLAYEVA, N.G., red.; MEDRISH, D.M., tekhn.red.

[Safety measures and fire prevention engineering] Tekhnika
bezopasnosti i protivopozharnaya tekhnika. Moskva, Gostorg-
izdat, 1963. 166 p. (MIRA 16:12)
(Refrigeration and refrigerating machinery---Safety measures)
(Fire prevention)

CHICHKOV, P.

Advantages of active and practical management. Sov.profsoiuzy 3
no.11:47-49 N '55. (MLRA 9:1)

1. Instruktor Tsentral'nogo komiteta profsoyuza rabochikh kommunal'-
nogo khozyaystva.

(Trade unions)

~~CHICHEV, P.~~

The fruits of well-coordinated work. Sov. profsoiuzy 4 no.7:
42-44 J1 '56. (MLRA 9:10)

1. Instruktor Tsentral'nogo komiteta profsoyuzov rabochikh
kommunal'nogo khozyaystva.
(Streetcars)

CHICHKOV, P.

Affairs of a committee for the province. Sov. profsoiuzy 5
no.3:65-67 Nr '57. (MIRA 10:4)

1. Instruktor Tsentral'nogo komiteta profsoyusa rabochikh kom-
munal'nogo khozyaystva.
(Omsk Province--Trade unions)

~~CHICHEV~~

Concern for visitors in Moscow. Sov.profsoiuzy 7 no.8:47
Ap '59. (MIRA 12:7)

1. Predsedatel' mestnogo komiteta profsoyuza gostinitay "Ukraina,"
Moskva.
(Moscow--Hotels, taverns, etc.--Employees)

KITAYEV, I.G., red.; CHICHKOV, V.A., red.; KULIKOV, V.N., red.;
POLUKARPOVA, Ye.K., tekhn. red.

[Training students in farm mechanization and electrification]
Podgotovka uchashchikhsia po mekhanizatsii i elektrifikatsii
sel'skogo khoziaistva. Pod red. I.G.Kitaeva i V.A.Chichkova.
Moskva, Izd-vo APN RSFSR, 1962. 50 p. (MIRA 16:1)

1. Akademiya pedagogicheskikh nauk RSFSR, Moscow. Institut
proizvodstvennogo obucheniya.

(Farm mechanization--Education and training)

(Rural electrification--Education and training)

POBYADA, Yu.N., inzh.; CHICHKOV, P.V., inzh.

Making, assembling, and testing prestressed 30 m. girders. Bet.1
zhel.-bet. no.12:567-568 D '60. (MIRA 13:11)
(Girders)

CHICHKOV, V., inzhener-polkovnik, kandidat tekhnicheskikh nauk.

Modern tanks. Za rul. 15 no.3:16-17 Mr '57.
(Tanks (Military science))

(MLRA 10:5)

CHICHKOV, V.M., insh.; KUZ'MIN, S.F., insh.

~~CHICHKOV, V.M., insh.; KUZ'MIN, S.F., insh.~~
Burning milled peat under sectional heating boilers. Torf. prom.
35 no.5:27-31 '58. (MIRA 11:10)

1. Gosudarstvennyy institut po proyektirovaniyu zavodov torfyanoy
promyshlennosti (for Kus'min)
(Boilers) (Peat)

SIDEL'KOVSKIY, L.M., kand.tekhn.nauk; TROYANKIN, Yu.V., kand.tekhn.nauk;
CHICHKOV, V.V.

Study of the corrosion resistance of metals under conditions
prevailing in the production of defluorinated fused phosphates.
Khim.prom. no.3:209-212 Mr '62. (MIRA 25:4)

1. Moskovskiy energeticheskiy institut.
(Metals—Corrosion)

CHICHKOV, V.V.; SHURYGIN, A.P.

Use of natural gas in the production of sodium sulfide. Khim.
prom. 41 no. 12:898-901 D '65 (MIRA 19:1)

1. Moskovskiy energeticheskiy institut.

VAL'TER, V.G., kand.med.nauk (Cherkessk, Stavropol'skogo kraya, Krasnaya ul., d.5, kv.3); CHICHKOV, Yu.F.; SHEPTUKHINA, Ye.M.

Prevention and treatment of postoperative intestinal paresis.
Vest.khir. 90 no.3:112-116 Mr'63. (MIRA 16:10)

1. Iz Karachayevo-Cherkesskoy oblastnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR M.A.Shishkov, zav.khirurgicheskim otdeleniyem - V.G.Val'ter).
(~~INTESTINES~~-SURGERY) (PARALYSIS)
(POSTOPERATIVE CARE)

VAL'TER, V.G., kand.med.nauk; CHICHKOV, Yu.F.

Early fully adequate nutrition for patients following resection
of the stomach. Vest. khir. 93 no.12:11-14 D '64.

(MIRA 18:5)

1. Iz khirurgicheskogo otdeleniya (zav. - V.G.Val'ter) Kara-
chayev-Cherkesskoy oblasti bol'nitsy (glavnyy vrach - zas-
luzhenyy vrach RSFSR M.A.Shishkov).

SINYAKOV, V.I.; CHICHKOVA, T.A.

Large plate of native copper from Gornaya Shoriya. Zap.Vses.min.
ob-va 90 no.3:282-283 '61. (MIRA 14:10)

1. Sibirskiy metallurgicheskiy institut i Geologicheskiy muzey
Zapadno-Sibirskogo geologicheskogo upravleniya.
(Gornaya Shoriya--Copper ores)

BARAYAN, G.D.; BARKHATOV, G.V.; BOBROV, A.K.; BONDARENKO, V.I.; VASIL'YEV, V.G.; KOBELYATSKIY, I.A.; NIKOLAYEVSKIY, A.A.; TIKHOMIROV, Yu.P.; CHEPIKOV, K.R.; CHERSKIY, N.V.; CHICHMAREV, V.G.; BEKMAN, Yu.K., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Geology, and oil and gas potentials of the Yakut A.S.S.R.] Geologicheskoe stroenie i neftegazonosnost' Iakutskoi ASSR. Pod red. V.G.Vasil'eva. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gornotoplivnoi lit-ry, 1960. 478 p. (MIRA 13:11)

(Yakutia--Petroleum geology)
(Yakutia--Gas, Natural--Geology)

USSR / Human and Animal Morphology (Normal and Pathological).
Circulatory System. Blood Vessels.

S

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40946

Author : Chichua, A. A.
Inst : Tbilisi Medical Institute

Title : The Particularities of Branching of the Pulmonary Artery
in Relation to the Segmental Structure of the Lung

Orig Pub : Tr. kafedry operativn. khirurgii i topogr. anatomii.
Tbilissk. med. in-t, 1956, 1, 41-46

Abstract : It was demonstrated by the method of corrosion and preparation on 58 human lungs that the origin of the lobar arteries from the right and left branches of the pulmonary artery occurs in a determined sequence. The artery of the upper lobe usually is first, then that of the anterior, posterior, and lower one. The length and the diameter of the artery of the upper lobe on the right

Card 1/2

USSR / Human and Animal Morphology (Normal and Pathological).
Circulatory System. Blood Vessels.

S

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40846

is greater than on the left. A mixed form of branching of the pulmonary artery is observed more frequently with the magistral form predominating on the right, the loose type on the left.

Card 2/2

61

USSR / Human and Animal Morphology (Normal and Pathological).
Circulatory System, Blood Vessels.

S

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40845

of the BA is identical in both lungs; the upper area of
the lung is supplied better than the others particularly
the posterior areas.

Card 2/2

60

CHICHUA, B. K.

Dissertation: "Comparison of the Coal Strata of Rubaschay and Chirakhchay Deposits of the South Dagestan Coal-Bearing Region." Cand Geol-Min Sci, Leningrad State U, Leningrad, 1953. Referativnyy Zhurnal--Geologiya, Geografiya, Moscow, 54.

SO: SUM No. 356, 25 Jan 1955

GUDZHEDZHIANI, B.I.; CHICHUA, B.K.; PETROVSKIY, G.D.; KOMETIANI, G.A.;
AZMAYPARASHVILI, M.V.; AVALISHVILI, E.Ye.[deceased];
MIRZIASHVILI, T.M.; SHCHERBAKOV, D.I., glav.red.; ARCHVADZE, Sh.R.,
red.; BOGOLYUBOVA, L.I., red.; VAL'TS, I.E., red.; TAVADZE, F.N.,
red.; YABLOKOV, V.S., red.; PEVZNER, G.Ye., red.izd-va; MAKUNI, Ye.V.,
tekhn. red.

[Coal atlas of the Caucasus] Atlas uglei Kavkaza. By B.I.Gudzhedzhiani
i dr. Moskva, Izd-vo Akad.nauk SSSR, 1961. 167 p. (MIRA 14:12)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Sovet po izucheniyu proiz-
voditel'nykh sil.

(Caucasus--Coal geology)

DZHVARSHVILI, A.G., red.; CHERNOSKUTOV, K.A., red.; CHICHUA,
B.K., re

[Checking and measuring instruments and means of automatic control used in hydraulic mechanization; a collection of materials of the....] Kontrol'no-izmeritel'nye pribory i sredstva avtomatizatsii v gidromekhanizatsii; sbornik materialov.... Tbilisi, Metsniereba, 1964. 149 p.

(MIRA 18:4)

1. Nauchnoye soveshchaniye "Kontrol'no-izmeritel'nyye pribory i sredstva avtomatizatsii v gidromekhanizatsii." Tiflis, 1961.

AUTHOR: Chichua, G.I., Engineer SOV-118-58-7-18/20

TITLE: A Universal Set-up for Painting the Interior and Exterior Surface of Pipes (Universal'naya ustanovka dlya pokraski vnutrenney i naruzhnoy poverkhnostey trub)

PERIODICAL: Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958,¹² Nr 7, pp 44-45 (USSR)

ABSTRACT: In accordance with GOST regulations all drive, drilling, pumping, geological exploration and other pipes must be painted with oil paints; pipes for the oil industry, water and gas pipes etc. with bituminous paint. At present, the painting of pipes is carried out manually; the existing painting machines are intended only for the painting of the exterior surface. The drying and painting apparatus of the type APT-1, constructed by the Kiyevskiy zavod "Bol'shevik" (the ~~Kiyev~~ "Bol'shevik" Plant) was installed in 1952 at the Zakavkazskiy metallurgicheskiy zavod im. Stalina (the Transcaucasian Metallurgical Plant im. Stalin), but was never used due to faulty construction. Now a universal painting machine has been set up at the Transcaucasian Metallurgical Plant and is successfully painting the exterior and the interior surface of pipes.

Card 1/2

SOV-118-58-7-18/20

A Universal Set-up for Painting the Interior and Exterior Surface of Pipes

The painting of 1 pipe takes 1 to 2 minutes. Shift production amounts to 200 pipes (maximum diameter - 325 mm). Only one man is needed to operate the mechanism which is done by remote control. The article presents a detailed technical description of the painting device and its working properties. There are 2 schematic drawings.

1. Pipes--Preservation 2. Paints--Applications

Card 2/2

CHICHUA, G. S.

27006. CHICHUA, G. S.--Issledovaniye vliyaniya otnositel'noy vlastnosti
vozdukha na tochnost' pokazaniy psikhrometra avgusta. trudy (Gruz.
Politekh. in-t im. knrova), No. 18, 1949, S. 9-14--Resyume nagrua.
Yas.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949

NAKHUTSRISHVILI, Sh.G.; KETSKHOVELI, N.N., red.; CHICHUA, S.K.,
red., izd-va; BOKERIYA, N.B., tekhn. red.

[Dynamics of the production of alpine pastures in
Georgia] Dinamika proizvoditel'nosti vysokogornyykh
pastbishch Gruzii. Tbilisi, Izd-vo AN Gruz. SSR, 1963.
151 p. (MIRA 17:1)

15-57-1-1009
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1,
p 159 (USSR)

AUTHOR: Chichua, T. Ye.

TITLE: The State of Hydrogeological Investigation and
Utilization of the Potable Mineral Waters of Georgia
(Sostoyaniye gidrogeologicheskoy izuchennosti i eksplua-
tatsii pit'yevykh mineral'nykh vod v Gruzinskoy SSR)

PERIODICAL: Sb. tr. Gos. n.-i. in-ta kurortol. i fizioterapii, 1955,
Vol 22, pp 199-202.

ABSTRACT: The mineral springs of Georgia are found chiefly on the
slopes of the Main Caucasus and within the Adzharo-
Trialetskiy fold system. The mineral waters that have
been most thoroughly studied are those of Avadkhara,
Baksani, Vazhas-Tskharo, Dzhava, Lebarde, Lugela,
Skuri, Utsera, Borzhomi, Bolnisi, Tsagveri, Zvare,
Nabeglavi, Uraveli, Sairme, and others. The enumer-
ated springs are of bicarbonate--carbon-dioxide compo-
sition. Tables are given to show the degree to which

Card 1/2

15-57-1-1009

The State of Hydrogeological Investigation and Utilization (Cont.)

the potable medicinal waters of Georgia have been studied. The next task is the preparation of rare mineral waters for use: Uraveli (magnesium-calcium-bicarbonate-carbon dioxide waters), Bolnisi (sodium-calcium-sulfate-bicarbonate-carbon dioxide waters), Kokotauri in Adzhariya (sodium-calcium-bicarbonate-sulfate-carbon dioxide waters) and others.

Card 2/2

S. M. A.

CHICHUA, Yu. V.

The copper and iron content of blood in healthy persons and in certain blood diseases. Probl. gemat. i perel. krovi 3 no.5:31-35 S-0 '58.

(MIRA 11:11)

1. Iz Leningradskogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo instituta perelivaniya krovi (dir. - dotsent A.D. Belyakoy, nauchnyy rukovoditel' - chlen-korrespondent AMN SSSR prof. A.M. Filatov).

(COPPER, in blood

determ. in normal humans & in certain blood dis., comparison (Rus))

(IRON, in blood

same)

(BLOOD DISEASES, blood in

copper & iron content, comparison with normal humans (Rus))

CHICHUA, Yu.V.

Spectrographic determination of copper, iron, calcium, and magnesium
in human blood. Akt.vop.perel.krovi no.6:301-306 '58. (MIRA 13:1)

1. Biofizicheskaya laboratoriya Leningradskogo instituta perelivaniya
krovi (zav. laboratoriyey - starshiy nauchnyy sotrudnik S.Ye. Tukachin-
skiy).

(SPECTRUM ANALYSIS) (BLOOD)

GHICHUA, Yu.V., mladshiy nauchnyy sotrudnik

Copper and iron in the blood in Biermer's anemia. Akt.vop.perel.krovi
no.7:258-263 '59. (MIRA 13:1)

1. Gematologicheskaya klinika Leningradskogo instituta perelivaniya
krovi (sav. klinikoy - prof. S.I. Sherman).
(ANEMIA) (IRON IN THE BODY) (COPPER IN THE BODY)

CHICHUA, Yu. V.

Cand Med Sci - (diss) "Use of emission spectral analysis for determining the copper and iron content in blood in several hematological affections." Leningrad, 1961. 20 pp; (State Order of Lenin Inst for Advanced Training of Physicians imeni S. M. Kirov); 350 copies; price not given; (KL, 7-61 sup, 263)

MIRZOYEV, Lyudvig Libaritovich; ~~CHICHUGIN~~, S.V., red.

[Protecting orchards and vineyards against diseases and pests]
Zashchita sady i vinogradniki ot vreditel' i boleznei. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 34 p.
(MIRA 14:2)

(Fruit--Diseases and pests)
(Grapes--Diseases and pests)

STEKLOV, L.V.; CHICHUGOV, A.A.

Automatic timers for electric cranes. Suggested by L.V. Steklov,
A.A. Chichugov. Rats. predl. no. 44:5-6 '59. (MIRA 14:1)
(Electric cranes) (Automatic timer)

CHICHULIN, M.

First results. Fin. SSSR 17 no.12:43-45 D '56.

(MLRA 10:1)

(Smolenskoye District--Finance)

CHICHVARIN, Yu.

Simplifying the settlement of accounts between steamship lines and enterprises with which these lines do business. Rech.transp. 23
no.11:52-53 N '64. (MIRA 18:3)

CHICHEVARINA, A. V. TUROV, A. F. and NAPALKOV, A. V.

"Principles of Processing of Information in the Internal System of the Organism-external environment."

report to be submitted for the Third Intl. Congress on Cybernetics, Namur, Belgium, 11-15 Sep 1961.

NAPALKOV, Anatoliy Viktorovich, kand. biol. nauk; CHICHVARINA,
Nataliya Afanas'yevna; SOROKO, Ya.I., red.; NAZAROVA, A.S.,
tekhn. red.

[Brain and cybernetics; cybernetic keys to the secrets of the
brain] Mozg i kibernetika; kiberneticheskie kliuchi k tainam
mozga. Moskva, Izd-vo "Znanie," 1963. 46 p. (Novoe v zhizni,
nauke, tekhnike. VIII Seriya: Biologiya i meditsina, no.11)
(MIRA 16:7)

(BRAIN) (CYBERNETICS)

CHICHVARINA, N.A.

S/144/63/000/001/004/004
D440/D307

AUTHOR: None given

TITLE: Conference on neurocybernetics

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Elektromekhanika, no. 1, 1963, 136

TEXT: The first vsesoyuznaya konferentsiya po neyrokibernetike (All-Union Conference on Neurocybernetics) was held from November 26-28, 1962 at the Rostovskiy gosudarstvennyy universitet (Rostov State University). In the course of 4 sessions, 27 lectures were delivered. I.P. Lukashevich discussed the programmed modeling on a digital computer of processes designed to stimulate the heart tissue. Ivanov, Muromskiy, Kiy and Antomonoov of the Institut kibernetiki g. Kieva (Kiev Institute of Cybernetics) endeavored to establish in a series of lectures the fundamental principles underlying the processing of information mechanisms in biological systems. Professor A.V. Napalkov and N.A. Chivarina of MSU outlined the methods of creating conditioned reflexes. Sochniko and Zhezhe' from Leningrad discussed the feasibility of applying machines to identification of shapes.

Card 1/2

Conference on neurocybernetics

S/144/63/000/001/004/004
D440/D307

Other lectures included: Professor A.B. Kogan, "Some principal features of arrangement and characteristics of the information - gathering apparatus of the brain". L.P. Krayzmer on "Man's memory mechanisms and the possibilities of reproducing memory artificially in cybernetic systems". It was decided to hold the next conference in Kiev in 1964. A.V. Napalkov, Professor at MGU was elected chairman, and A.B. Kogan, Professor at RGU Vice-Chairman of the Information Council set up to coordinate the work of the various research groups concerned with neurocybernetics.

Card 2/2

NAPALKOV, A.V.; CHICHVARINA, N.A.

Controlling systems and the health of man. Priroda 53 no. 12:
31-38 '64. (MIRA 18:1)

1. Moskovskiy gosudarstvennyy universitet im. Lomonosova.

CHICHVARKIN, I., (g. Lipyaya, Latviyskoy SSR.)

~~CHICHVARKIN, I., (g. Lipyaya, Latviyskoy SSR.)~~
Active members share their work experience. Voen.znan. 31 no.

6:22 Je '56.

(MLRA 9:10)

1. Predsedatel' gorodskogo komiteta Dobrovol'nogo obshchestva
sovey-stviya armii, aviatsii i flotu.
(Military education)

ALLIBONE, T.A.; CHICK, D.R.; THOMSON, G.P.; WARE, A.A.; KOCZOGH, Akosne
[translator]

Controlled thermonuclear fission research at the Associated Electrical
Industries Research Laboratory. Atom taj 2 no.2:120-149 Ap '59.

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OKL'PERIN, N. I.; PEBALK, V. L.; YURCHENKO, L. D.; ABBAS, M. G.; BARANOVA, Z. P.;
SHASHKOVA, M. N.; CHIKOTIN, A. G.; ZAKHAROV, V. G.; CHEKHOV, Yu. K.;
KUZNETSOVA, M. I.

"Investigations in the field of the technique of liquid extraction."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12
May 1964.

Moscow Inst of Light Chemical Technology.

CHICOS, I

RUMANIA/Inorganic Chemistry - Complex Compounds

C.

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4077

Author : ~~Chicos, I.~~

Title : Methods for the Purification of Aluminum Chloride

Orig Pub : Rev. chim., 1956, 7, No 4, 214-215

Abstract : For the purification, under laboratory conditions, of technical aluminum chloride, containing FeCl_3 (sometimes up to 10%), the chloride is heated to 250° in a closed vessel with Al shavings, and the pure product is then distilled from the reaction mixture. Yield of white AlCl_3 containing 0.18% Fe, is 70-80% on the basis of the technical aluminum chloride used.

Card 1/1

- 2 -

CHICOS, I. ~~1.47/11/211~~

RUMANIA / Chemistry of High Molecular Substances.

I

Abs Jour : Ref. Zhur - Khimiya, No 3, 1958, 10193

Author : Chicos^I, Mihail, Corlateanu

Inst : Not given

Title : Ethylene Polymerization with Metallic Oxide Catalysts.

Orig Pub : Rev. chim., 1957, 8, No 6, 406-409

Abstract : Relatively low molecular weight polymers were isolated in the polymerization of Phillips polyethylene with a catalyst obtained by applying CrO_3 on $\text{SiO}_2\text{-Al}_2\text{O}_3$. Polymers with M.W. from 30,000-70,000 were obtained by use of multicomponent catalysts which contain other metallic oxides besides CrO_3 .

Card 1/1

15(8)

RUM/3-59-10-11/16

AUTHORS: Mihail, R.; Corlăteanu, P.; Chicos, I. and Ionescu, Al. Gh.

TITLE: The Polymerization¹ of Ethylene¹ With Metallic Oxides Without a Solvent

PERIODICAL: Revista de Chimie, 1959, Vol 10, Nr 10, pp 593-596

ABSTRACT: Experiments on the polymerization of ethylene were conducted at ICECHIM at a pressure of 35 atmospheres and a temperature of 100-150°C, using as catalyst a chrome oxide supported by silicon aluminum. Figure 5 shows the schematic flow chart for polymerization of ethylene when a solvent is used. When a solvent is not used, the following installations are not necessary: A storage tank for storing the solvent; a pump for introducing the solvent in the reactor; and an installation for the recuperation of the solvent containing an evaporator, a condensation system, a cooling device, a storage tank, and a tower and pump for

Card 1/2

RUM/3-59-10-11/16
The Polymerization of Ethylene With Metallic Oxides Without
a Solvent

the solvent. The idea of replacing the solvent by oxide catalysts was the result of systematic experiments. The procedure in which polymerization of ethylene uses oxide catalysts instead of a solvent has advantages based on a new reaction mechanism. The elimination of some raw materials and a simplified technological scheme are the main advantages of the new procedure. This procedure also makes it possible to obtain new types of polymers in the future. There are 2 graphs, 2 diagrams and 1 flow chart.

Card 2/2

CHICOS, I.

7

The polymerization of ethylene with oxide catalysts in the absence of solvent. R. Mihail, I. Chicos, and P. Corlăteanu (Forschungsl. Chem., Bucharest, Romania). *Angew. Chem.* 71, 125-6 (1959); cf. *Rev. chim.* (Bucharest) 9, 430 (1958).—Since the polymerization of C_2H_4 with oxide catalysts increases markedly with the mol. wt. of the hydrocarbon solvent and also with the partial pressure of C_2H_4 , subsequent sepn. difficulties. A 300 cc. rotating autoclave was charged with 100 g. of polyethylene (Lupolen H, mol. wt. 22,000) and 5 g. of CrO_3 catalyst, supported on $SiO_2 \cdot Al_2O_3$ and activated with $LiAlH_4$, and heated to $140^\circ C$. C_2H_4 was introduced for 2 hrs. at 40 atm. On cooling, the product (125 g.) was a semicylindrical block, separable into a catalyst zone, a Lupolen H zone, and the zone of the polyethylene reaction product (mol. wt. 30,000).

A. J. Stirton

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4/20 (g)
5

PAUNESCU, Cornelia, conf.; SACRITIANU, Veronica, dr.; TILU, Valeria, dr.
BUNESCU, H., dr.; CHIOREANU, C., dr.; IONESCU, Catalina, dr.;
MIHAILESCU, Vali, chimista.

Action of the marine climate and sulfurous waters of Mangalia on
chronic rhinosinusitis and pharyngolaryngitis. Otorinolaringologie
(Bucur.) 9 no.4:321-32" C-B '64

1. Clinica de otorinolaringologie "Coltea" (for Paunescu, Iacri-
teanu, Toma). 2. Sanatoriul balnear, Mangalia (for Bunescu,
Chioreanu, Ionescu, Mihailescu).

CHIDAKOV, A. Ye.
CHIDAKOV, A. Ye.

"A Sipple Method for the Measurement of the Amplitude resolution of the Multipliers,"

A conference on Electron and Photo-Electron Multiplier; Radiotekhnika i Elektronika, 1957 Vol. II, No. 12, pp. 1552-1557 (USSR)

Abst: A conference took place in Moscow during February 28 and March 6, 1957 and was attended by scientists and engineers from Moscow, Leningrad, Kiev and other centres of the Soviet Union. Altogether, 28 papers were read and discussed.

CHIDLOVSKIY, A.		PROCESSES AND PROPERTIES																																																																																																																																																																																																									
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Water as an Oxidizing Agent for Pyrotechnic Materials. A. Chidlovsky. <i>Reports of the Academy of Sciences of U.S.S.R.</i>, v. 61, no. 2, 1946, p. 127-129.																																																																																																																																																																																																											
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AUTHOR: Chidzhavadze, E.

SOV/84-58-8-22/59

TITLE: The Collective Decides (Reshayet kollektiv)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 8, p 13 (USSR)

ABSTRACT: This short article reports on the proceedings of the new permanent Production Conference of the Tbilisi airport, established in pursuance of a resolution of the December Plenum of the Central Committee of the CPSU. The purpose of such conferences is to improve the efficiency level of establishments.

Card 1/1

DREYZIN, R.S.; SUKHAREVA, M.Ye.; CHIDZHAYADZE, M.I.; LINYAYEVA, Ye.A.;
ZLATKOVSKAYA, N.M.; AVANESOVA, A.G.; KONSTANTINOVA, N.P.;
GEORGIADI, G.A.

Pathogenesis of adenovirus diseases. Vop. virus. 9 no.5:
618-625 S.O '64. (MIRA 18:6)

1. Institut virusologii imeni Ivanovskogo i kafedra infektsionnykh
bolezney Tsentral'nogo instituta usovershenstvovaniya vrachev,
Moskva.

SHENGELIYA, R.G.; CHIDZHAVADZE, M.V.

Regime of the Chalaati glacial river in the summer of
1960. Trudy Inst. geog. AN Gruz. SSR 18:252-253 '64.
(MIRA 17:6)

CHIDZHAVADZE, M.V.

Ablation and drainage on the Chalaati Glacier in the summer
of 1961. Trudy Inst. geog. AN Gruz. SSR 20:245-251 '64.
(MIRA 18:5)

CHIELEWSKA, I.

G-3

POLAND / Organic Chemistry. Natural Compounds
and Their Synthetic Analogs.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77845.

Author: Chielewska, I. and Cieslak, J.

Inst: Not given.

Title: Vitamins and Antivitamines K. 2,4'-dimethyl-
ether of Dicumarol.

Orig Pub: Roczniki Chem, 31, No 3, 1079-1081 (1957) (in
Polish with an English summary).

Abstract: The previously reported (RZhKhim, 1958, 11457)
bis-, γ -pyrone tautomerism for 3,3'-methylene-
bis-(6-methyl-2,4-pyrones) has been confirmed
for 3,3'-methylene-bis-(4-hydroxycumarin) by
the isolation of 3-3'-methylene-bis-(4-meth-
oxycumarin) (I) and 3-(4-methoxycumarin)-methy-
lene-3'-(2'-methoxychromone) (II). I and II

Card 1/2

POLAND / Organic Chemistry. Natural Compounds
and Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77845.

Abstract: were prepared by the CH_2N_2 -methylation of 1.7 gm of the monomethyl ether of dicumarol; the products were separated by a procedure similar to that used for the ethers of dihydrosuccinic lactone. The perchlorate of II (0.32 gm, mp 141-142°) yields II, mp 159-161° (from benzene); I (1.5 gm) which does not form a perchlorate, is separated directly, mp 154-156°. The mixture of I and II melts at 131-133°. The UV spectra of I and II are given. --S. Krayevskiy.

Card 2/2

47

VASILEV, N., dots.; CHIFCHIIAN, B.

Echinococcosis of the thyroid gland with manifestations of thyrotoxicosis. Khirurgia (Sofia) 16 no.8:777-779 '63.

1. Iz Visshia voenno-meditsinski institut - Sofia.
(ECHINOCOCCOSIS) (THYROID DISEASES)
(HYPERTHYROIDISM) (DIAGNOSIS, DIFFERENTIAL)

VASILEV, N., dotsent; TSANKON, N.; DENINSKI, L.; CHIFCHILIAN, B.; MERDZHANOV, A.

Surgical risk in abdominal surgery in old age. Khirurgiia
17 no.2:209-211 '64. .

1. Iz Visshia voennomeditsinski institut, Sofia.

DMITRIYEVA, A.A.; CHIFINA, A.P.; KOKIN, S.D.

Formation of bubbles on the painted surfaces of automobiles. Avt.
prom. 27 no. 4:41 Ap '61. (MIRA 14:4)

1. Moskovskiy avtozavod malolitrzhnykh avtomobiley.
(Automobiles—Painting)

CHIFLIKYANTS. M., master

Continuous building up. Isobr.i rats. no.12:22 D '60.

(MIRA 13:12)

1. Zavod "Krasnyy molot," g.Groznyy.
(Electric welding)

CHIFCHIISKI, ST.

MITEV, I.; CHIFCHIISKI, St.

Results of vaginal mud tamponade in certain chronic inflammatory
gynecological diseases at the Pomorie fangotherapeutic center.
Khirurgia, Sofia 10 no.1:68-73 1957.

1. Obedinen rodilen dom -- plovdiv Gl. lekar: G. Khristosov kalo-
lechevnitsa -- Pomorie Gl. lekar: St. Chifchiiski.

(MUD THERAPY, in various diseases,
gyn. dis. (Bul))

(GYNECOLOGICAL DISEASES, therapy,
mud ther. (Bul))

CHIFIN, A.K.
CHIFIN, A.K.; POLYAKOV, D.Ya.

Diagnosis of congenital strangulated diaphragmatic hernia in
infants. Sov.med. 21 Supplement:23 '57. (MIRA 11:2)

1. Iz kliniki obshchey khirurgii Voronezhskogo meditsinskogo
instituta.
(DIAPHRAGM--HERNIA)

GHIFIN, Nikolay Petrovich; MAZARENKO, L.I., redaktor; ZLOBIN, M.V.,
tekhnicheskii redaktor

[The practice of experts should be known to sheep breeders in
Kazakhstan] Opyt masterov - ovtsevodam Kazakhstana. Alma-Ata,
Kazakhskoe gos. izd-vo, 1956. 31 p. (MLRA 9:10)

1. Glavnyy zootekhnik Baskaragayskogo plenovtseovkhoza, Pavlodarskoy
oblasti (for Ghifin)
(Kazakhstan--Sheep)

CHIFKOV, A.

Testing the relaxation of metals at high temperatures. (Conclusion) p. 521.
HUTNICKE LISTY, Brno, Vol. 10, no. 9, Sept. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956,
Uncl.

CHIFOR, Teodor, ing., prof.

Gratitude, thanks. Constr Buc 16 no. 755:1 27 June '64.

1. Professional and Technical School Center of Constructions, Bucharest, Ministry of Heavy Industry.

PASCALAU, Mircea; BLAGA, Liviu; BLAGA, Lucia; CHIFU, Alexandra

Control of water purity for densimetric isotopic analysis through the
measurement of electric conductivity. Studii cerc fiz 11 no.1:228-
230 '60. (EEAI 10:1)

(Water) (Densitometer)
(Isotopes) (Electric conductivity)

BLAGA, Liviu; BLAGA, Lucia; CHIFU, Alexandra

Utilization of Zeiss interferometer in the isotopic
analysis of water. Studii cerc fiz 15 no. 1:125-127
'64.

1. Institute of Atomic Physics, Bucharest.

BLAGA, Liviu; BLAGA, Lucia; CHIFU, Alexandra

Isotopic analysis of water by the differential
pycnometric method. Studii cerc fiz 15 no. 1:47-53
'64.

1. Institute of Atomic Physics, Section 5, Cluj.

BLAGA, Liviu; BLAGA, Lucia; CHIFU, Alexandra; CIOBOTARU, Tamara

Total isotopic analysis of water. Studii cerc fiz 15
no. 1:43-46 '64.

1. Institute of Atomic Physics, Section 5, Cluj.

7
The theory of the overvoltage of hydrogen. B. Chittu and L. Sillescu. *Bull. Acad. Sci. (Chim. Phys.)*, 1957, vol. 1, Nos. 1-3, 185-200 (1957).--The different theories of the overvoltage of H are criticized. The theory of "slow discharge" is not considered satisfactory because the dependence of the overvoltage on the compn. of the soln. is not taken into account sufficiently. All theories contain arbitrary coeffs. whose values are insufficiently proved. Most authors express the overvoltage as a function of the d. of the current, as in the equation of Tafel: $\eta = a + b \log i$, but this equation explains nothing about the nature of the overvoltage. The assumption of a slow phase agrees in fact with the detn. of the order of the electrode reaction, but this is considered an insufficient criterion, because the real cause of the overvoltage, namely the irreversibility of the phenomenon, is not emphasized. The existence of a high activation energy does not imply necessarily the existence of the overvoltage since the process on the electrode could be in principle perfectly reversible and the surplus of elec. energy spent could be regained in an active electromotive form. The real cause of the overvoltage is attributed to the irreversibility of the phenomenon and, at least partially, the elec. energy is transformed into heat. The exptl. material, like the influence of the pH, the capacity of the elec. double layer in the a.c., the value of the coeff. b in the Tafel equation, the speed of the cathodic reductions, the nature of the solvent, etc., indicate an arrangement of the cathodes into 2 groups. (A) cathodes with elevated overvoltage Hg, Pb, Cd, etc. (B) cathodes with low over-

art. voltage: Pt, Ni, Fe, Au, etc. In the group A it may be admitted, especially in the case of Hg, that the slow phase is that of discharge; in the group B it is the elimination of H.
Mella Paschi-Horowitz

4
1-BL(JN)

CHIFU, Emil

On the superficial mobility of solutions of the tensioactive substances. Pt.2. Studia Univ B-B S. Chem 6 no.1:49-56 '63

1. " Babes-Bolyai" University.

DEUTSCH, R.; CHIFU, E.

Superficial mobility of solutions of tensioactive
substances. Pt. 4. Studia Univ B-I .Chem 9 no. 1:
101-110 '64.

MIHAI, Gh.; VITALARU, Gh.; CHIFU, Th.

Contributions to the study of the flora of Dobruja. Studii cerc
biol s. bot 16 no.6:471-476 '64.

1. Laboratory of Plant Systematics, Faculty of Natural Sciences
and Geography, "Al. I. Cuza" University, Iasi.

MIHAI, Gh. C.; CHIFU, Th.; MITITIUC, M.

Contributions to the study of the flora and vegetation in
southwest Dobruja. Anal St Jassy II 10:159-165 '64.

1. Submitted October 26-27, 1963.

CHIGAK, L. Ya.

CHIGAK, L. Ya. "Rhino-genous intracranial complications according to the materials of the Clinic for 20 years", Sbornik nauch. trudov Otolaringol. kliniki (Kuban. med. in-t im. Krasnoy Armii), Krasnodar, 1948, p. 228-41.

SO: U-3261, 10 April 53 (Letopis - Zhurnal 'nykh Statey No. 11, 1949)

PRAZHAK, Milan [Prazak, M.]; CHIGAL, Vladimir [Cihal, V.]; MEKHURA,
Yaroslav [Mechura, J.]

Effect of certain alloying components on the properties of austenite
stainless steels. Khim.mashinostr. no.5:23-28 S-0 '63.

(MIRA 16:10)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut zashchity
metallov im. G.V.Akimova, Praga.

L 39983-66 LWT(6)/DEF(1)/SEL IJP(c) JD/HW/JG/WB
 ACC NR: AP6021073 (N) SOURCE CODE: UR/0365/66/002/002/0127/0133
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 33
 B

AUTHOR: Chigal, Vl.

ORG: State Scientific-Research Institute for the Protection of Materials im. G. V. Akimova, ChSSR (Gosudarstvennyy nauchno-issledovatel'skiy institut zashchity material-ov ChSSR)

TITLE: Connection between grain size and the sensitivity of austenitic corrosion-resistant steels to intercrystalline corrosion

SOURCE: Zashchita metallov, v. 2, no. 2, 1966, 127-133

TOPIC TAGS: austenitic steel, intergranular corrosion, grain size, corrosion resistant steel

ABSTRACT: Grain size and chemical composition were related to the intercrystalline corrosion of austenitic corrosion-resistant steels. The condition for intercrystalline corrosion was given by the equation:

$$K \cdot \sqrt{2^{N-1}} \cdot (Cr' - Cr_0) \geq C'$$

where N is grain size, Cr' is the effective Cr content (wt %), Cr_0 is the constant Cr level at which the sensitivity to intercrystalline corrosion does not depend on N , C_0

UDC: 620.196

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ACC NR: AP6021073

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is the constant C level in austenite which does not cause intercrystalline corrosion, C' is the effective C content and K is the constant which depends on Cr_0 and C_0 . Nomographs are shown in which %Cr' is given as a function of %C' for N, ranging from 1 to 8 (grain size number). The effects of alloying with Mo, Ni and Ti are taken into account by converting the alloy content into equivalent Cr' and C' values, e. g., $Cr' = Cr + bMo$. Both Ni and Ti are related to C' since they had an indirect effect upon the carbon content. Many tests were made on unstabilized, stabilized and modified Mo steels, and in some cases welded pieces. The data points are shown on the nomograph, indicating the presence and absence of intercrystalline corrosion. A satisfactory correlation was obtained between the expected and experimental results. Orig. art. has: 2 figures, 1 table, 13 formulas.

SUB CODE: 11/
SOV REF: 003

SUBM DATE: 10Nov65/

ORIG REF: 005/

OTH REF: 009

KOLOMB'YE, L. (Frantsiya); PLUGARZH, Ya. [Pluhar, J.] (Chekhoslovakiya);
VYKLITSKIY, M. (Chekhoslovakiya); PRAZHAK, M. [Prazak, M.]
(Chekhoslovakiya); CHIGAL, V.; KHEYSKANEN, K. (Finlyandiya);
SKIN, K.

Reports made at the Symposium on Stainless Steel. Metalloved.
i term. obr. met. no.5:51-54 My '62. (MIRA 15:5)
(Steel, Stainless--Congresses)

CHIGALIK

CZECHOSLOVAKIA/Analytical Chemistry. General Problems.

E

Abs Jour: Ref. Zhur.-Khimiya, No 12, 1958, 39318.

Author : Chigalik, Shimek.

Inst : Not given.

Title : Concerning Polarographic Determinations in Anhydrous Acetic Acid. I. Introduction.

Orig Pub: Chem. listy, 1957, 51, No 7, 1283-1288.

Abstract: As supporting electrolytes for polarographic analysis in glacial acetic acid, the following solutions were found to be most suitable: saturated solutions of LiCl , NaClO_4 , $\text{Mg}(\text{ClO}_4)_2$, acetates of NH_4 and Na , and also solutions of H_2SO_4 , HCl , and HClO_4 in glacial acetic acid. Under experimental conditions, these solutions had resistance of 2,000 to 12,000 ohms.

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CZECHOSLOVAKIA/Analytical Chemistry. General Problems.

E

Abs Jour: Ref. Zhur.-Khimiya, No 12, 1958, 39318.

A saturated calomel-acetate electrode was used as a reference electrode, which is Hg covered with a Hg_2Cl_2 paste having a contact with a saturated solution of LiCl in anhydrous acetic acid ($\sim 2.5 \text{ M}$). The electrode does not become polarized. For the element + Hg/ Hg_2Cl_2 , saturated KCl in water, HAC + LiCl in water, saturated LiCl in HAC, $\text{Hg}_2\text{Cl}_2/\text{Hg}$, determinations of the emf were made at a constant ratio of $(\text{HAC}):(\text{LiCl}) = 6.87:1$, and at various acetic acid concentrations. Upon extrapolation of the emf to 17.25M (glacial acetic), a value of 50 mv was obtained in respect to the saturated calomel electrode. In the usual polarographic measurements, it is possible to use as a reference electrode a layer of mercury on the bottom of the polarographic vessel in the solution which is being analyzed, which

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CZECHOSLOVAKIA/Analytical Chemistry: General Problems.

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Abs Jour: Ref. Zhur.-Khimiya , No 12, 1958, 39318.

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however, must contain Cl^- . Only when these conditions are maintained, the reference Hg-electrode is not polarized. The maxima are suppressed by the addition of gelatine or fuchsin. Unlike the previous data, the appearance of the maxima is caused by a swirling movement of the solution. The authors obtained electrocapillary curves in the presence of various electrolytes in glacial acetic acid.

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LEZOVIC, J., doc. dr.; CIGANEK, L.

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Neurologicka klinika Lekarskej fakulty University Komenskeho v
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PROCESS AND PROPERTIES INDEX																			
The influence of antiseptics on the supply of nutrients in the soil. G. A. CHIGAREV AND N. B. MYAKOVA. <i>Udobreni i Urazhai (Fertilisers and Crops)</i> 2, 3:12-7 (1937). By using CS₂ or polychlorides (a mixt. of chlorinated hydrocarbons of the benzene series, b. 130-200°, consisting primarily of the isomers of dichlorobenzene with some mono- and poly-chloro deriva.) as soil disinfectants it was found that the nitrates are inhibited to a great extent by the CS₂, but are stimulated by the polychlorides. NH₄ is stimulated by both disinfectants. Very little effect was noted on the P regime in the soil. J. B. LOVPP																			
ABR-51A METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYNOBILIA										FROM SYNOBILIA									
SYNOBILIA										SYNOBILIA									
SYNOBILIA										SYNOBILIA									

SHABANOVA, M.P., kand.sel'skokhozyaystvennykh nauk; CHIGAREV, G.A., kand.
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Use of arsenicals to control *Eurygaster integriceps*. Trudy VIZR
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(*Eurygaster*) (Arsenic)

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11067* Vofator-New, Effective Preparation for Controlling the (Eurygaster) Bug. Vofator--novyi effektivnyi preparat y bor'be s klopom-chereshakol. (Russian.) G. A. Chigarev. *Zemledelie*, v. 3, no. 8, June 1953, p. 89-102.

A new synthetic from the group of phosphoro-organic compounds is a highly effective dust against wheat bugs, cabbage flies, aphids, and scales. Table.

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